



# FEMA



Prepared by  
*Brian Hoeth*

# FEMA Region 6 Weather Threat Briefing

Wednesday July 8, 2020

**Disclaimer:** The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to [www.weather.gov/srh](http://www.weather.gov/srh).



NWSSouthern

[www.weather.gov/srh](http://www.weather.gov/srh)



- **Marginal risk of severe storms and flash flooding today for N OK. Marginal risk of flash flooding also for S AR/N LA.**
- **Slight risk of severe storms and flash flooding for N OK tomorrow. Marginal risk of severe storms and flash flooding for much of the rest of OK into AR.**
- **Heat advisories for portions of NM/TX today. Heat advisories across much of the Region Friday.**

# FEMA Region 6 Threat Matrix

Jul 8, 2020 - Jul 12, 2020



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DAY / THREAT	Wed	Thu	Fri	Sat	Sun
Severe Storms	N OK	N OK OK/AR			
Heavy Rain / Flash Flooding	N OK S AR/N LA	NE OK/NW AR OK/W AR			
Fire Weather	NW NM				
Tropical Winds / Surge					
Heat	NM/TX	NM/TX/OK	NM/TX/OK/LA/AR	TX/OK	TX/LA
River Flooding	AR,TX	AR, TX	AR,TX	AR,TX	AR,TX

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

*\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.\**

*For more details on the colors in the threat matrix refer to the last slide in this briefing.*



# Tropical Weather Outlook – Atlantic/Gulf



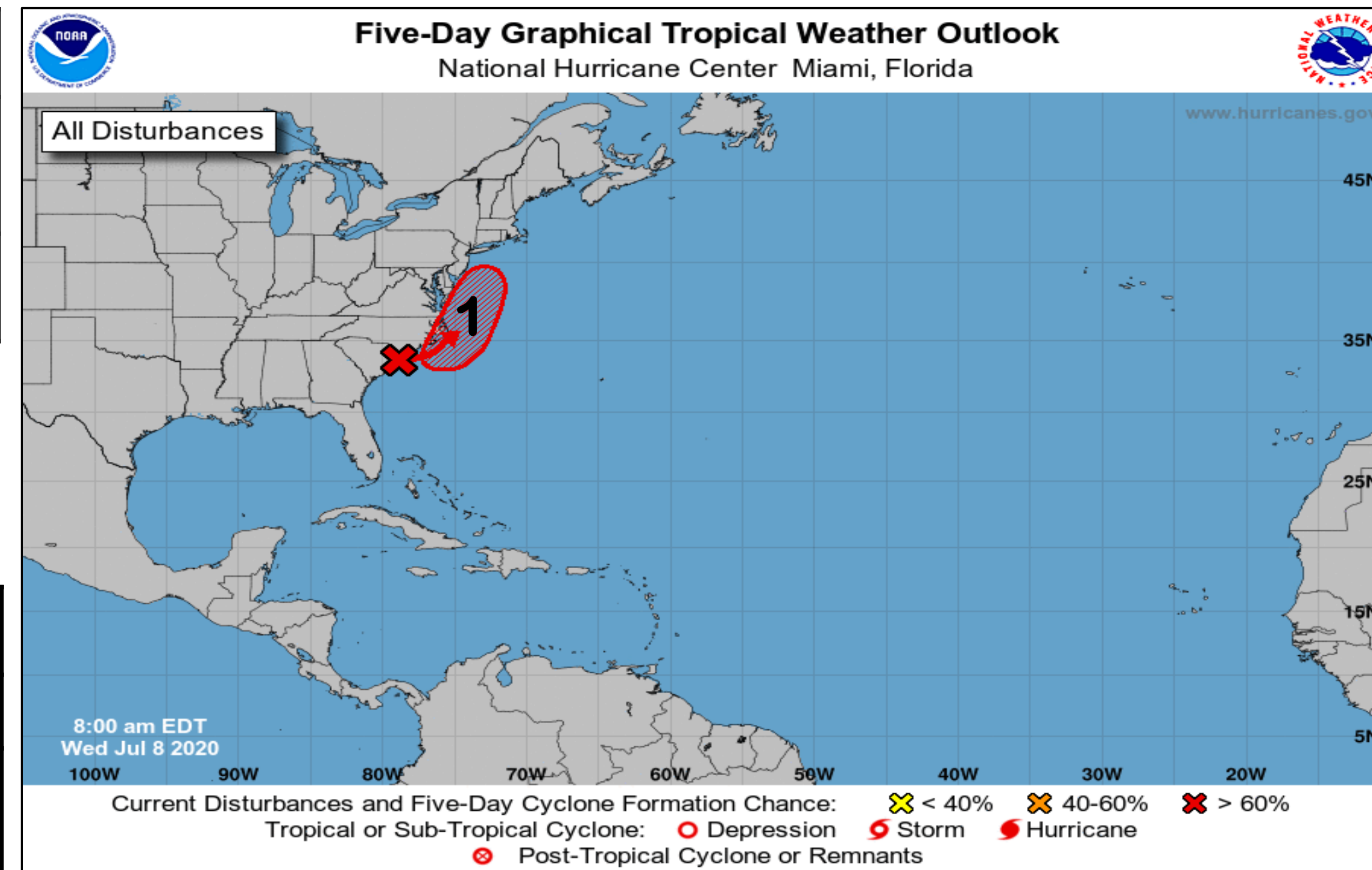
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## Areas of Possible Development

Area	Chance of Development	Potential Impacts to FEMA 6
1	High	None.

## Active Tropical Cyclones

Storm	Potential Impacts to FEMA 6
-	



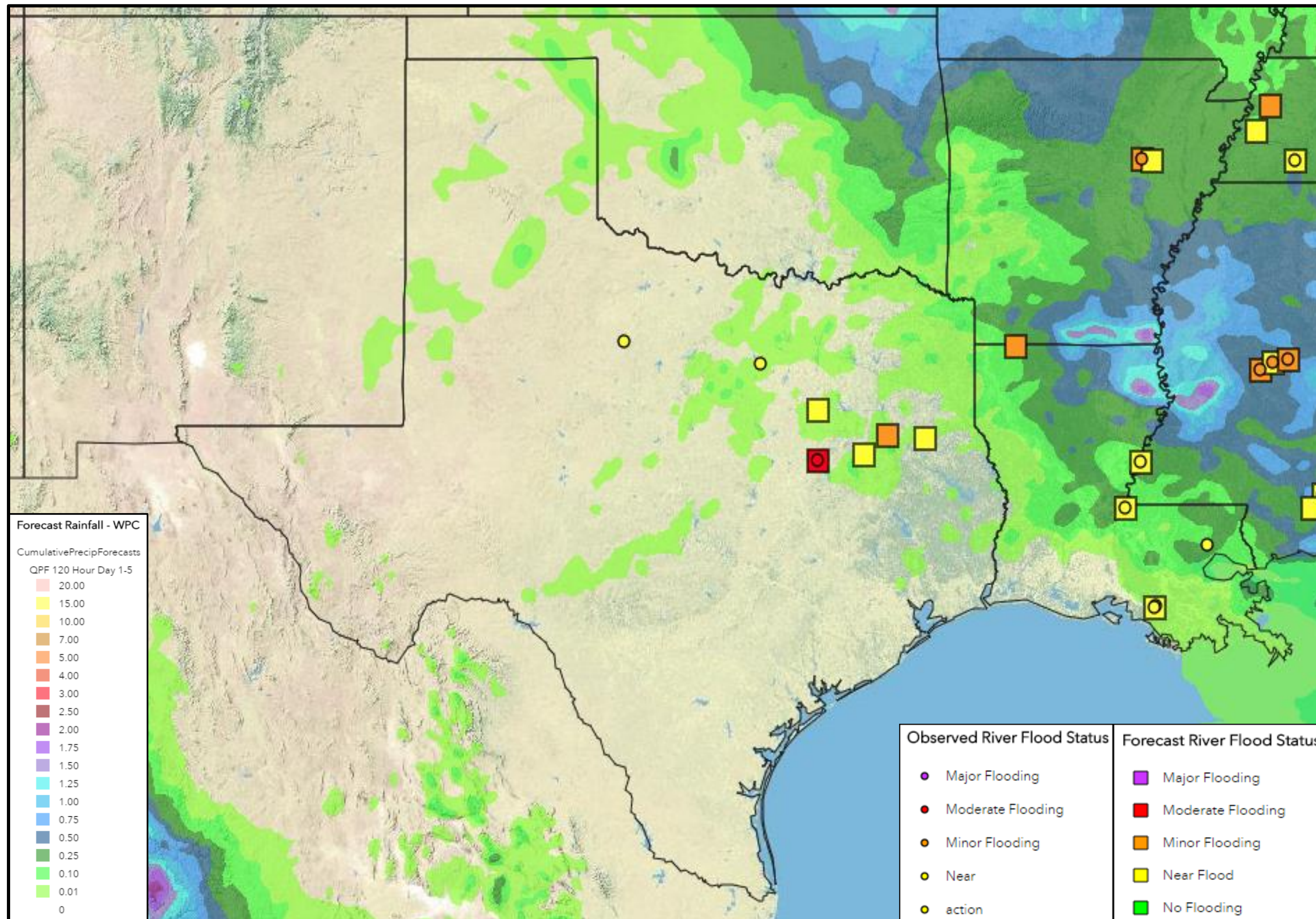


# 5-Day Precipitation Forecast & River Flood Status



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*Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall*



**Isolated heavy rain yesterday caused the Navasota River above Groesbeck in East-Central TX to rise into Moderate flood stage late yesterday into this morning. The river is cresting this morning and forecast to drop into minor flood by this evening and out of flood by tomorrow afternoon. No significant impacts.**

**The Neches River near Neches is forecast to rise into minor flood tomorrow afternoon and maintain minor flood through Sunday. Expect minor lowland flooding of the heavily wooded floodplain**

**The White River in E AR remains in minor flood stage through next week with impacts limited to low lying roads and farmland.**

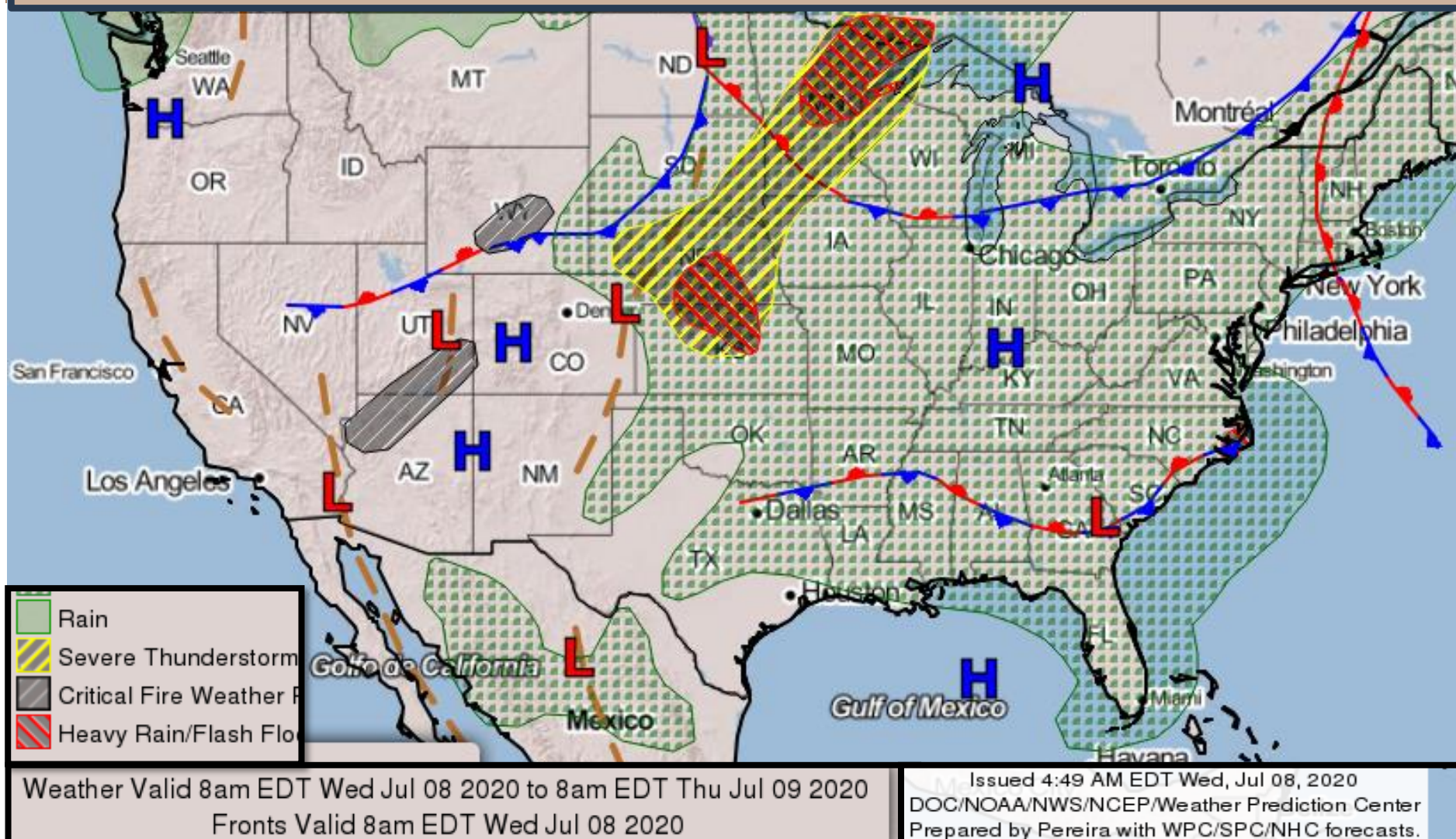


# Today's Weather

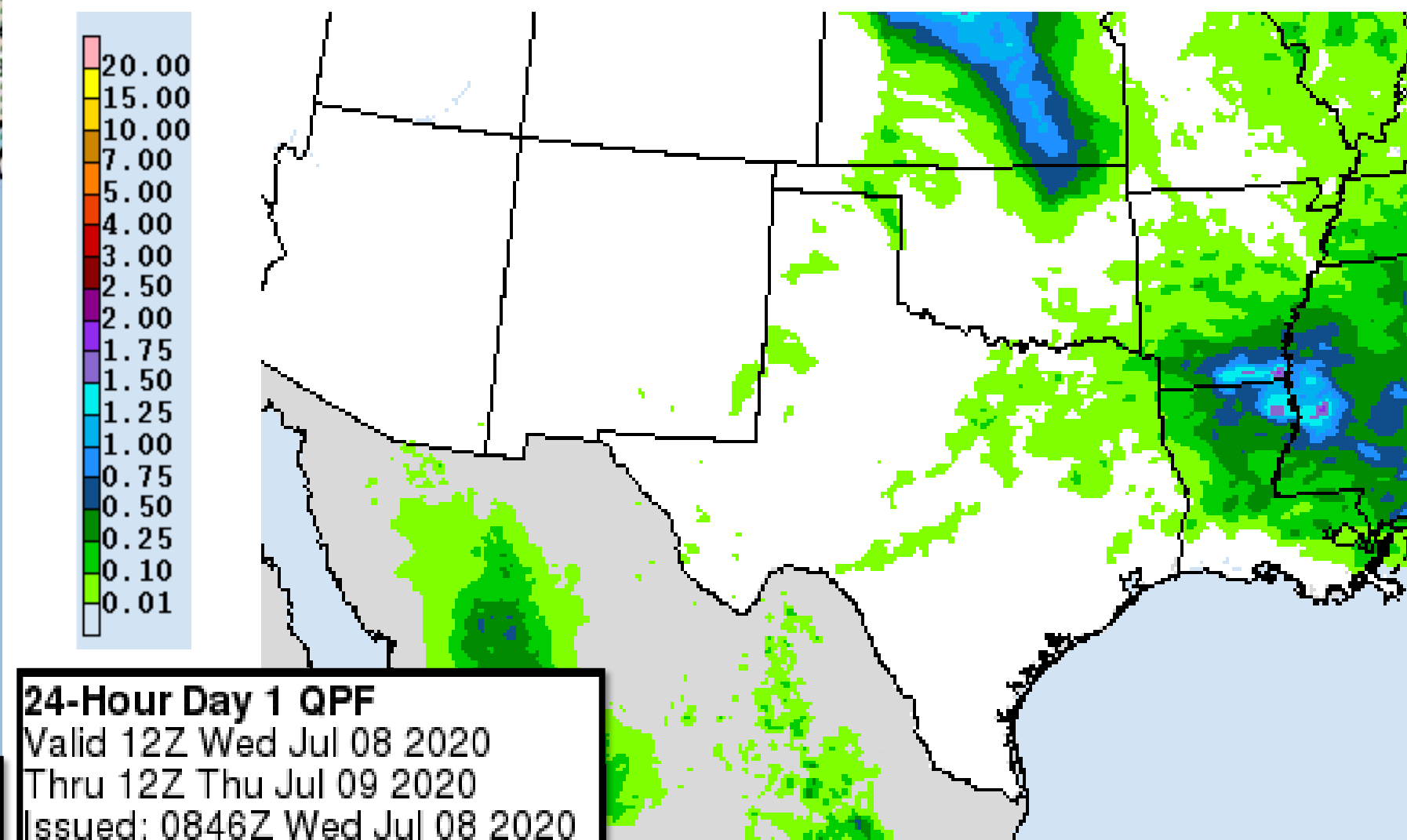


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## Forecast Chart



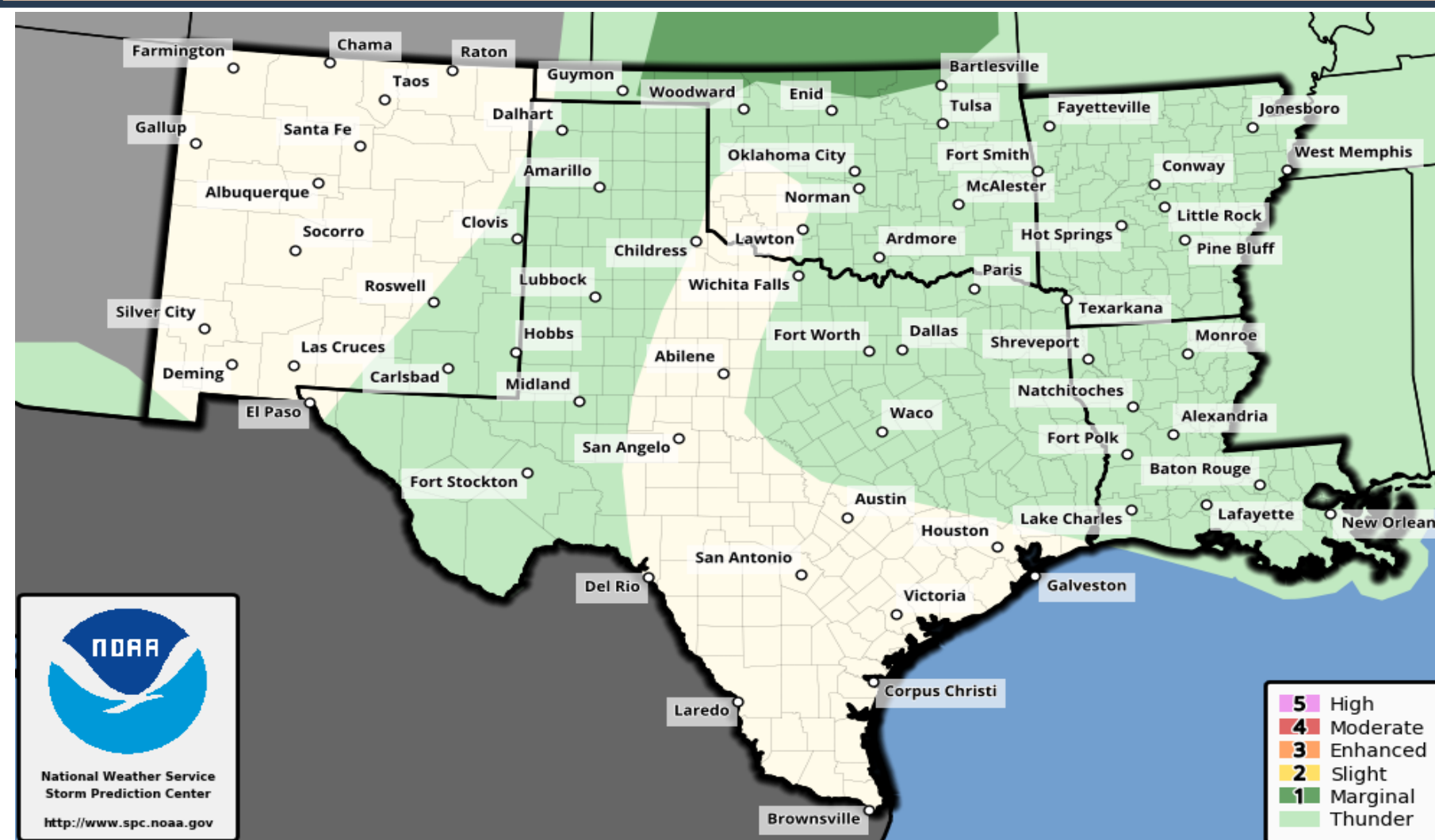
## Forecast Rainfall



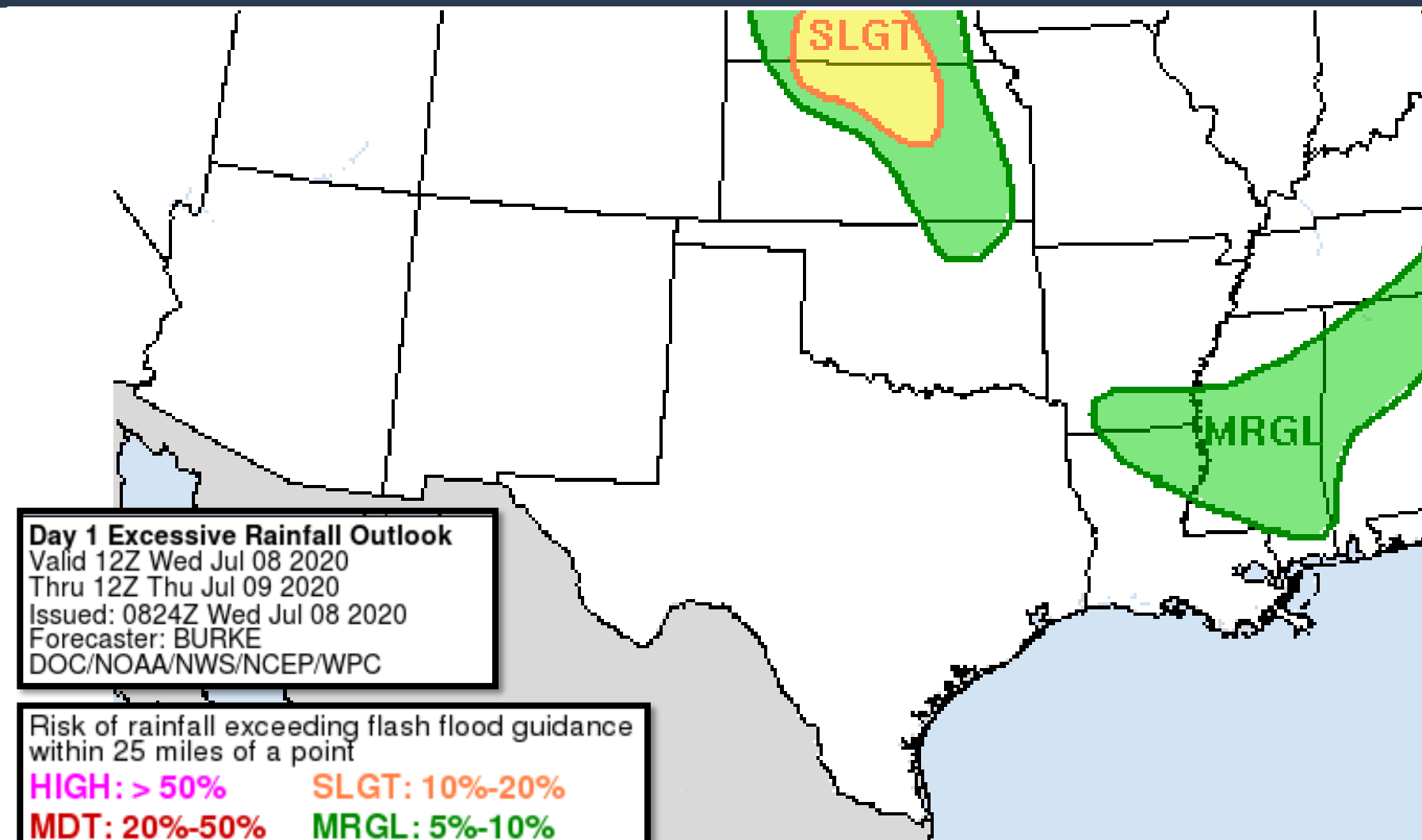
Marginal risk of severe storms  
for N OK.

Marginal risk of heavy  
rain/flash flooding for  
N OK and for SAR into N LA.

## Severe Weather Outlook



## Excessive Rainfall Outlook

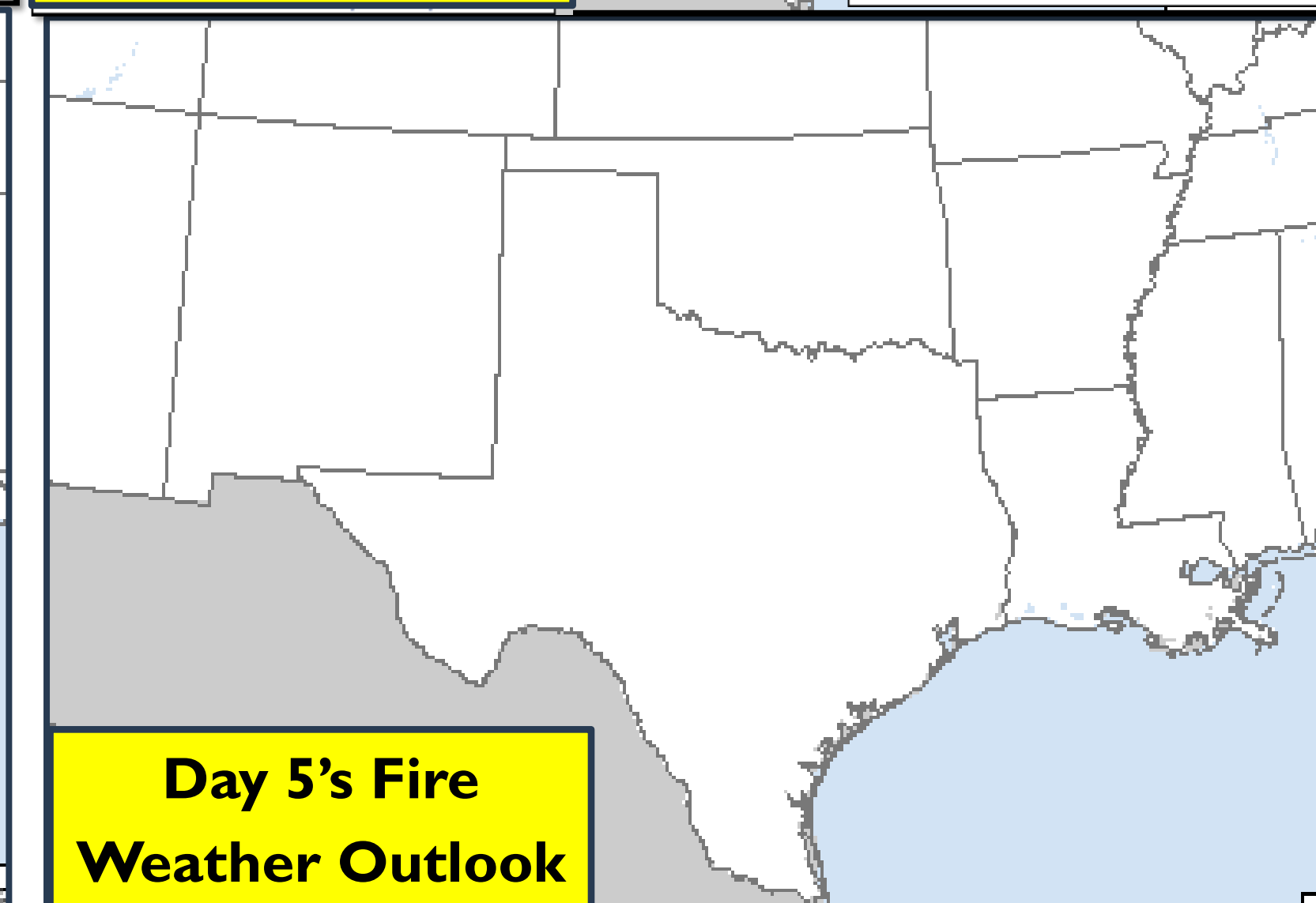
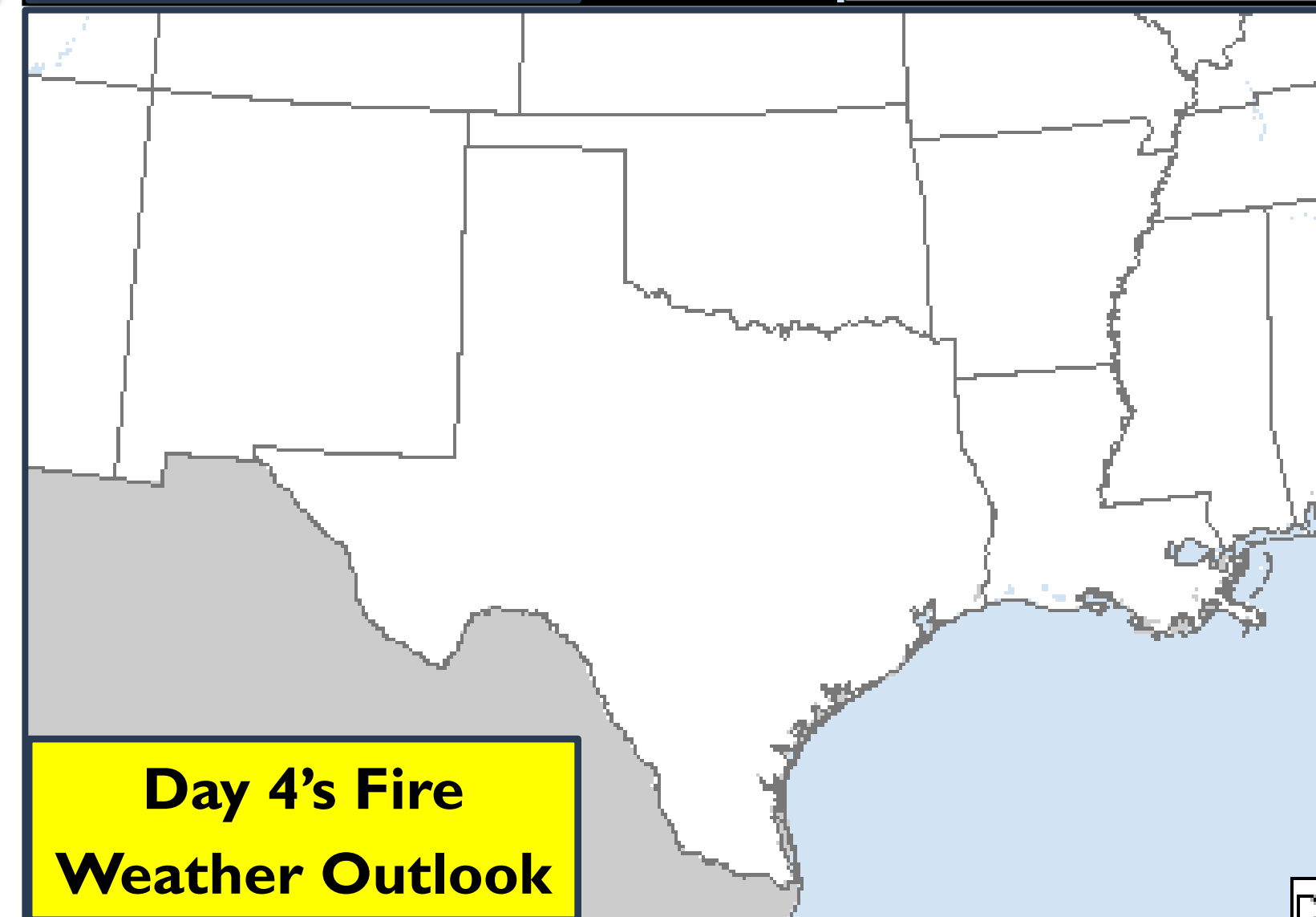
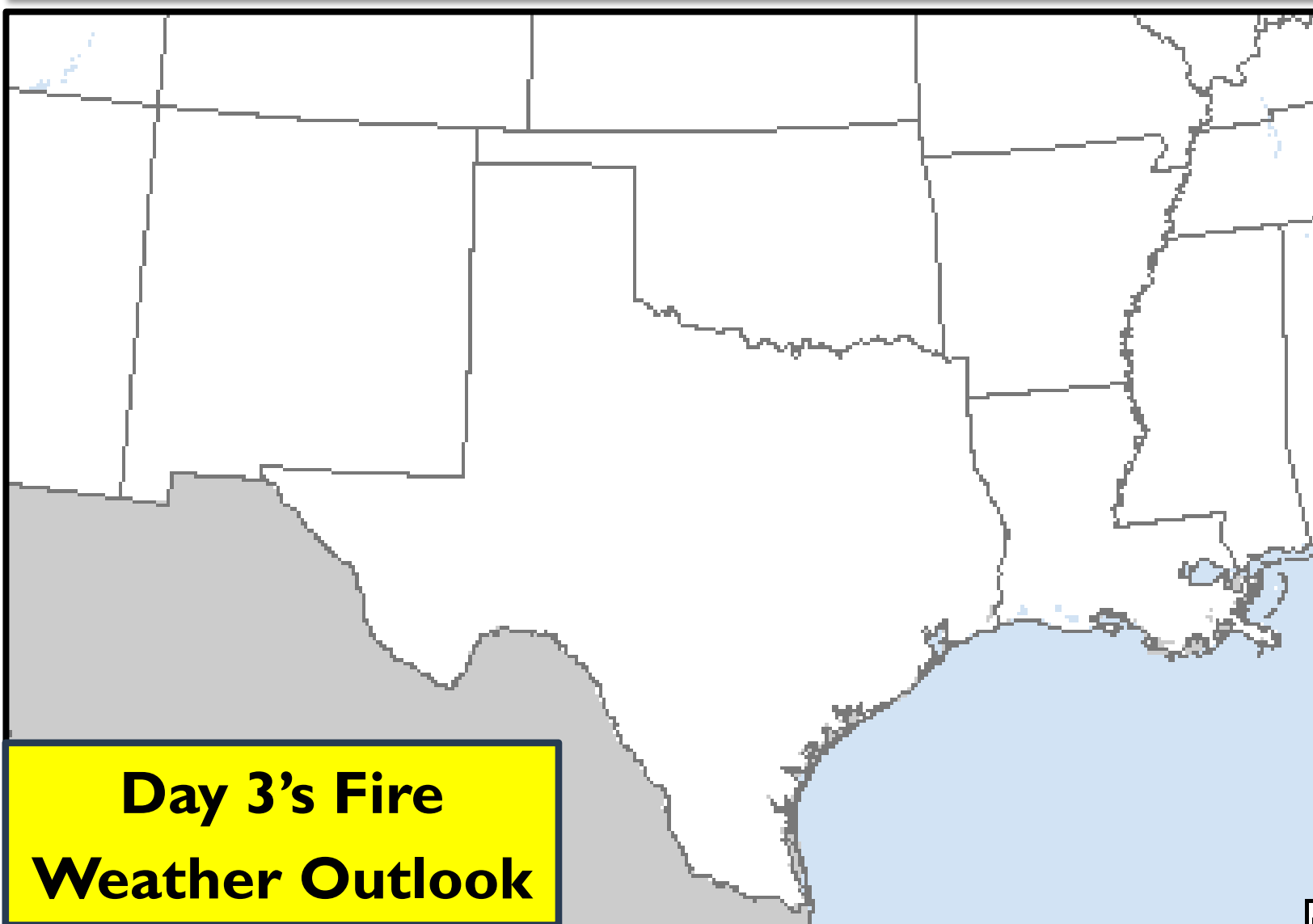
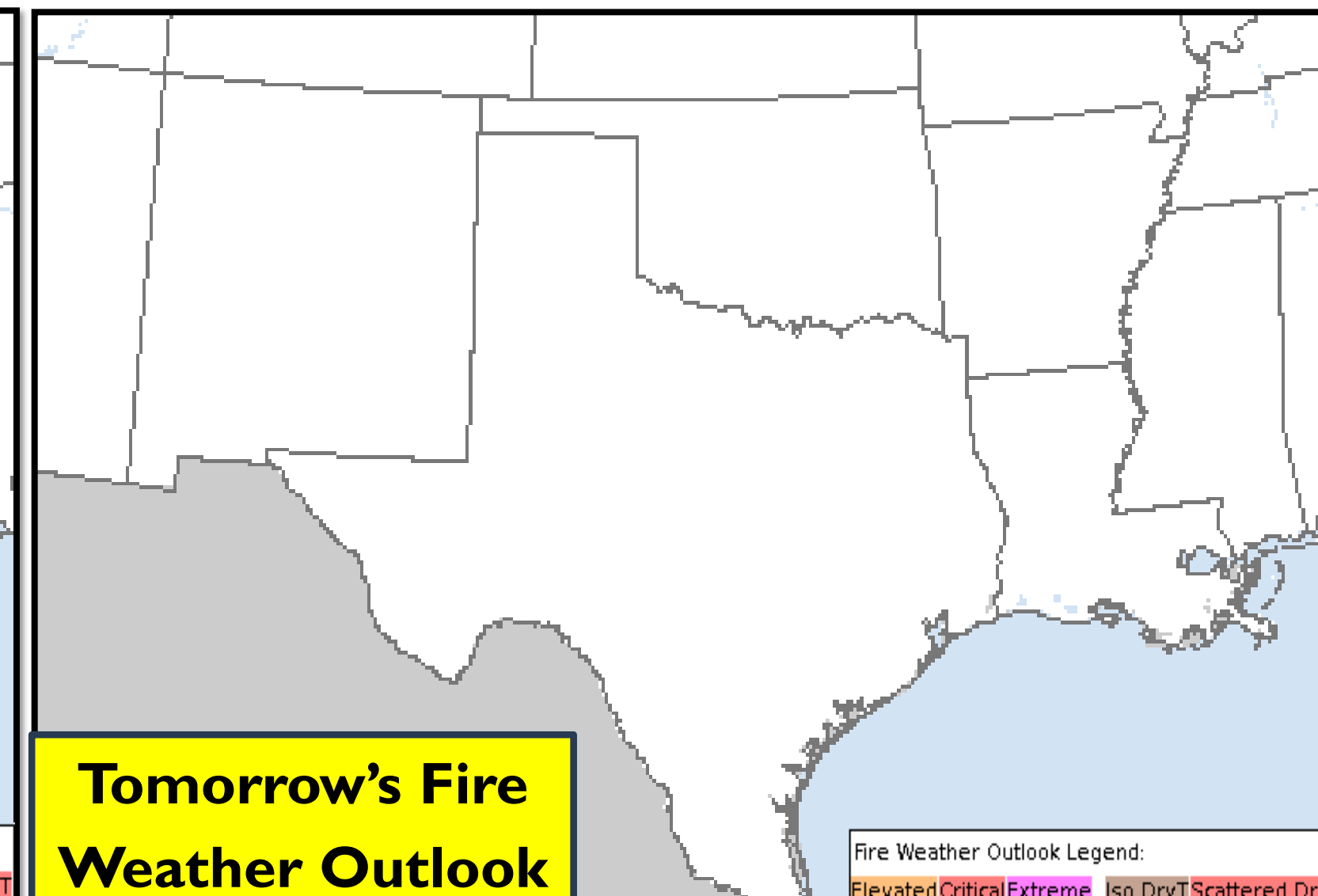
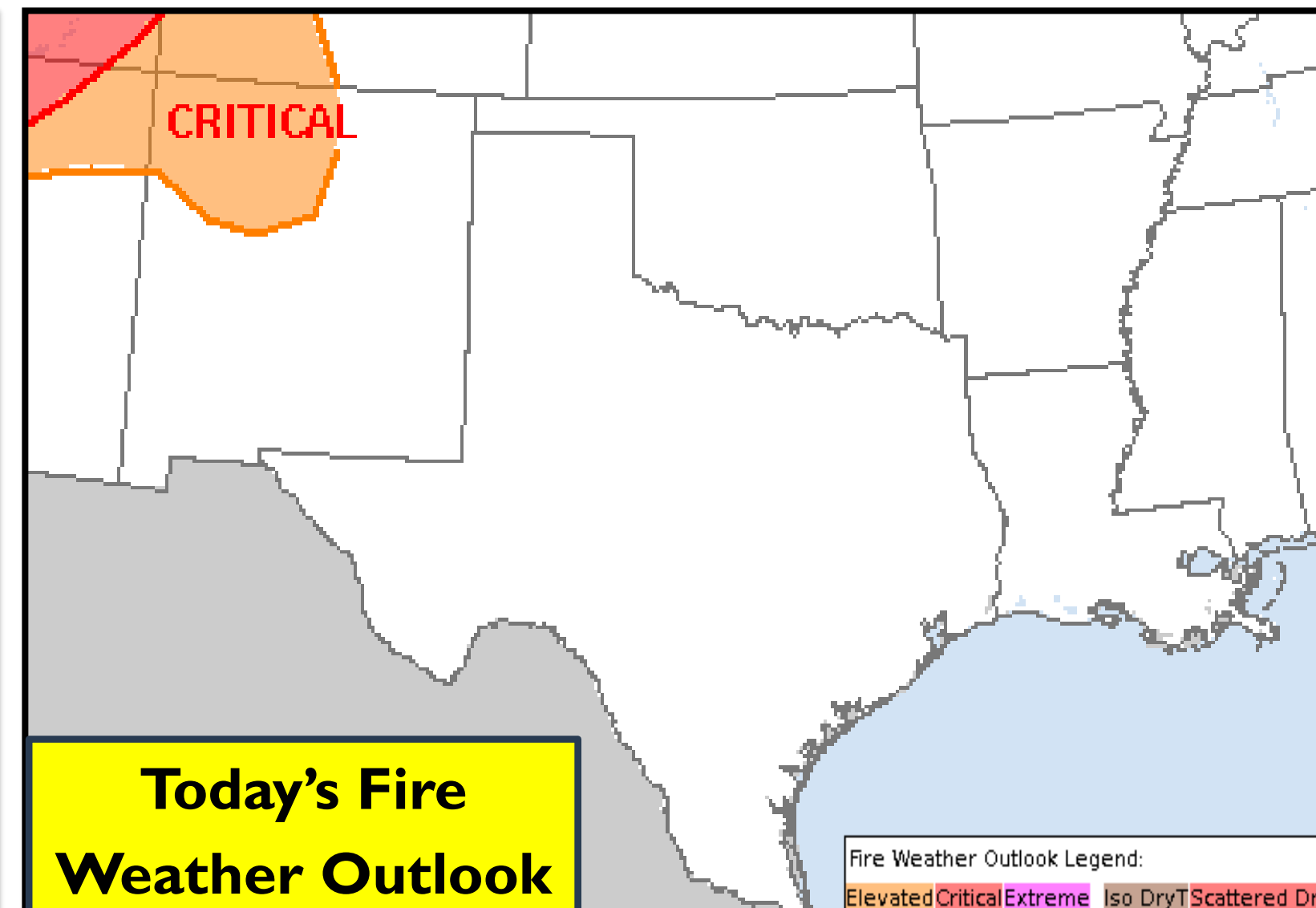
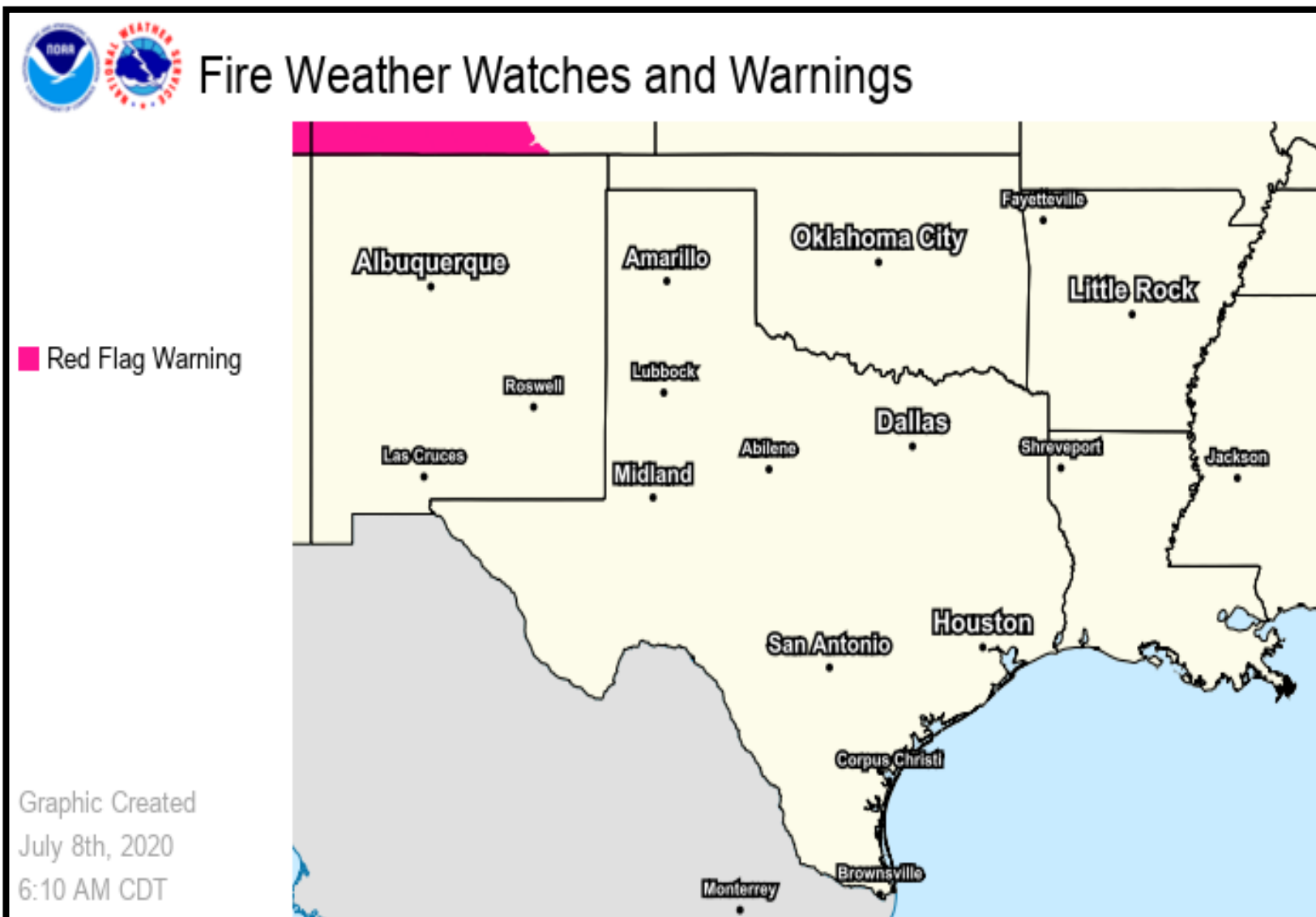




# Fire Weather Outlooks



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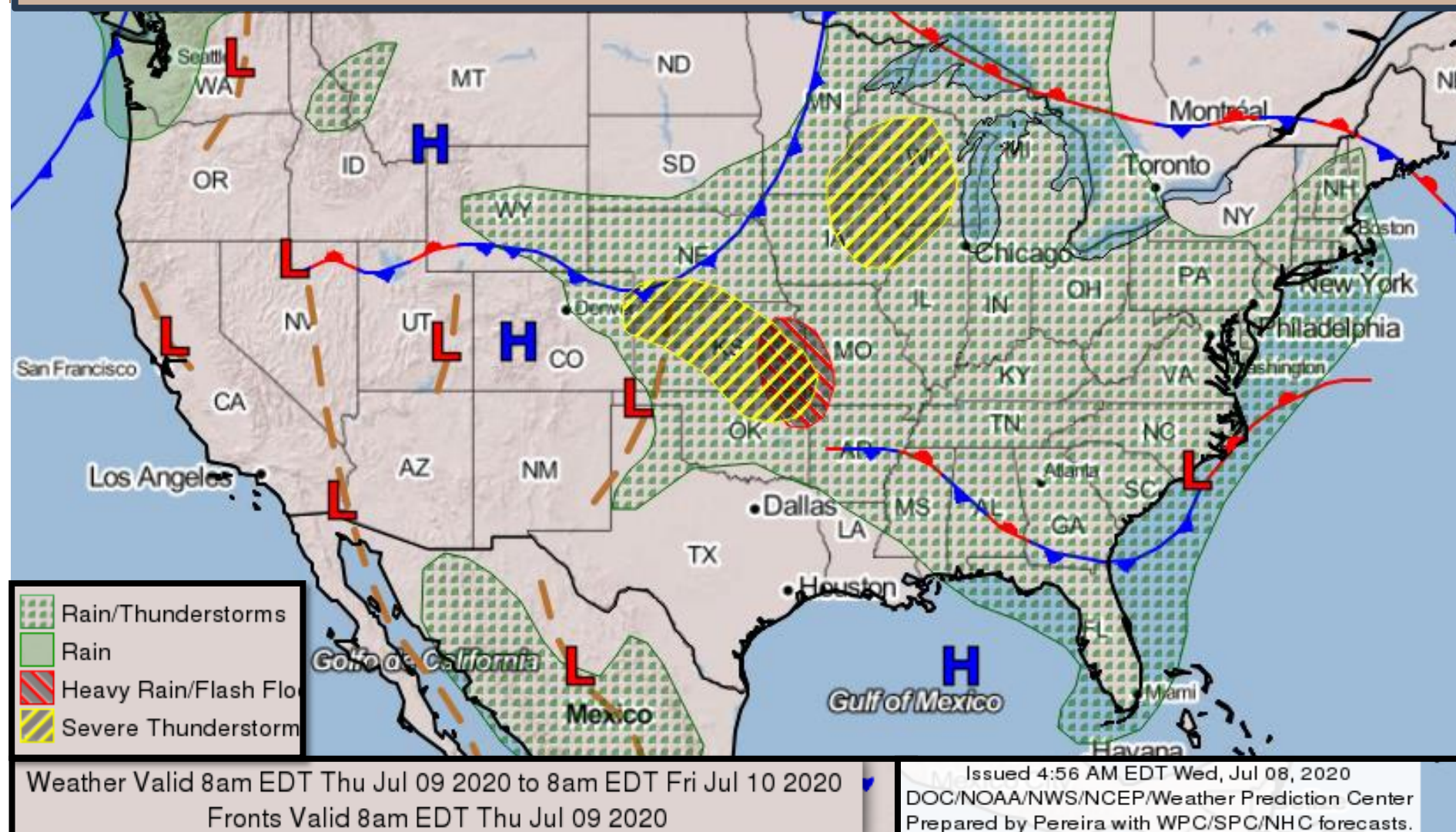


# Tomorrow's Weather

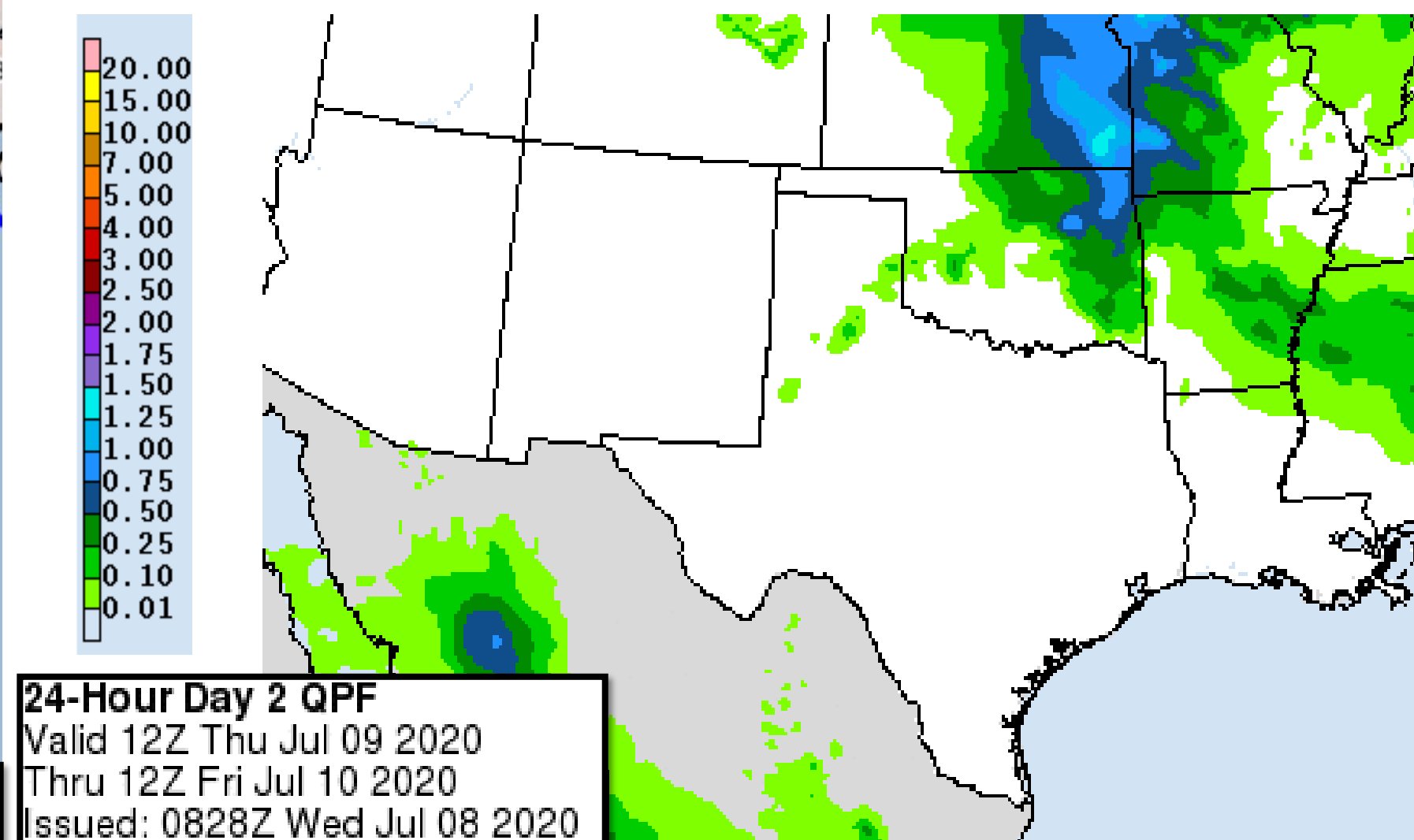


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## Forecast Chart



## Forecast Rainfall



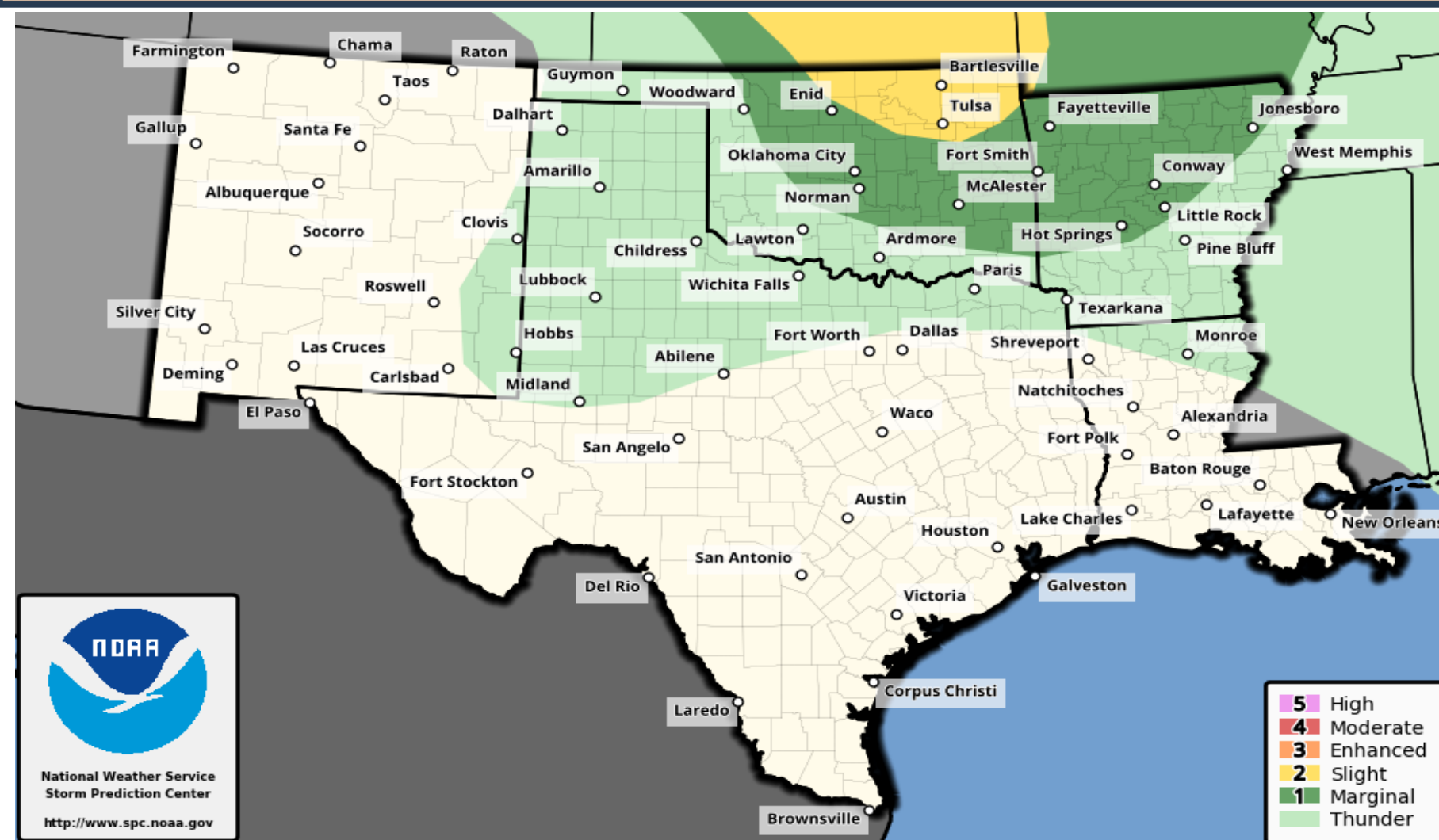
**Slight risk of severe storms for N OK. Damaging winds and large hail are the main threats.**

**Marginal risk of severe storms for much of the rest of OK into AR.**

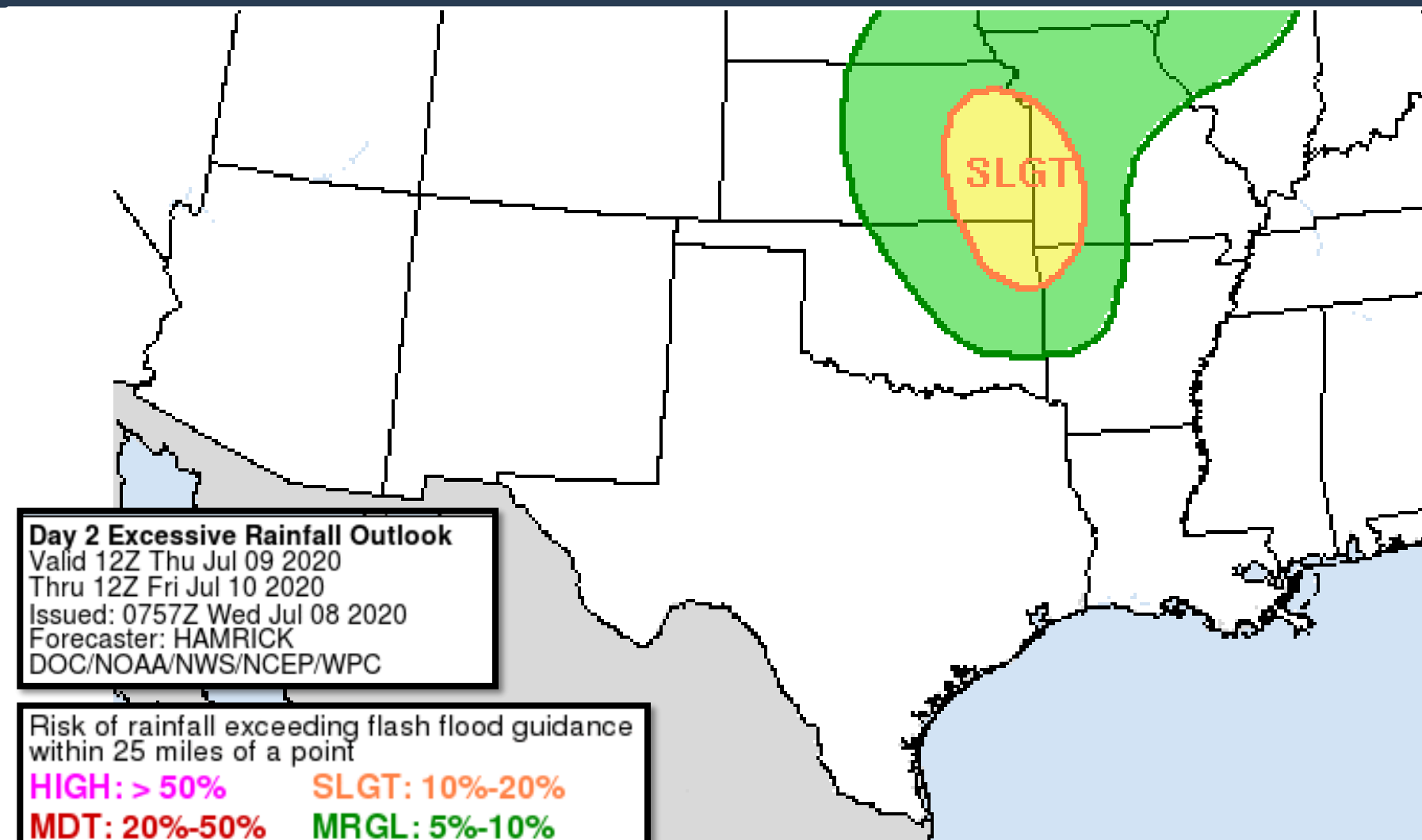
**Slight risk of heavy rain/flash flooding for NE OK/NW AR.**

**Marginal risk of heavy rain/flash flooding for central/eastern OK into W AR.**

## Severe Weather Outlook



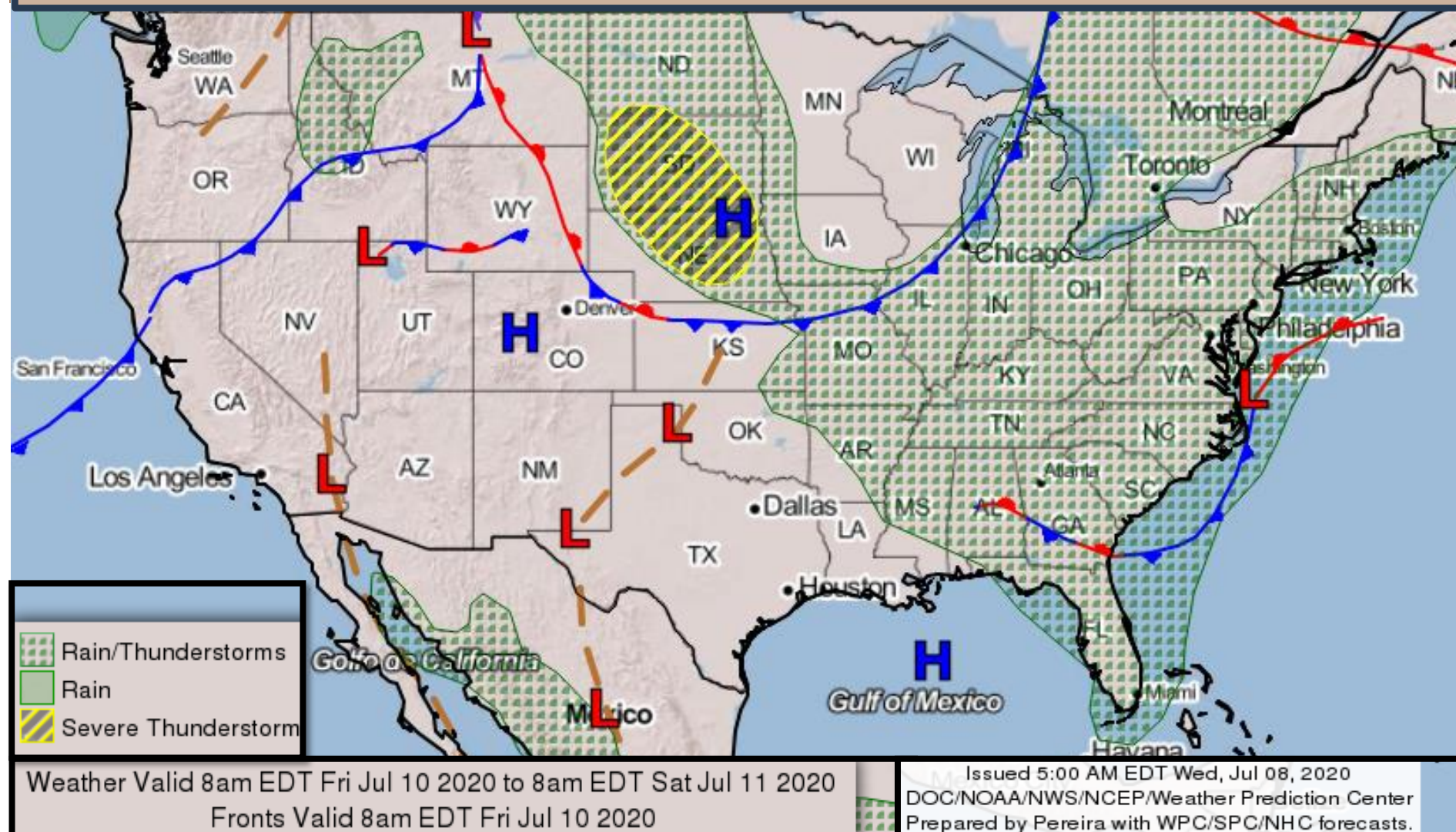
## Excessive Rainfall Outlook



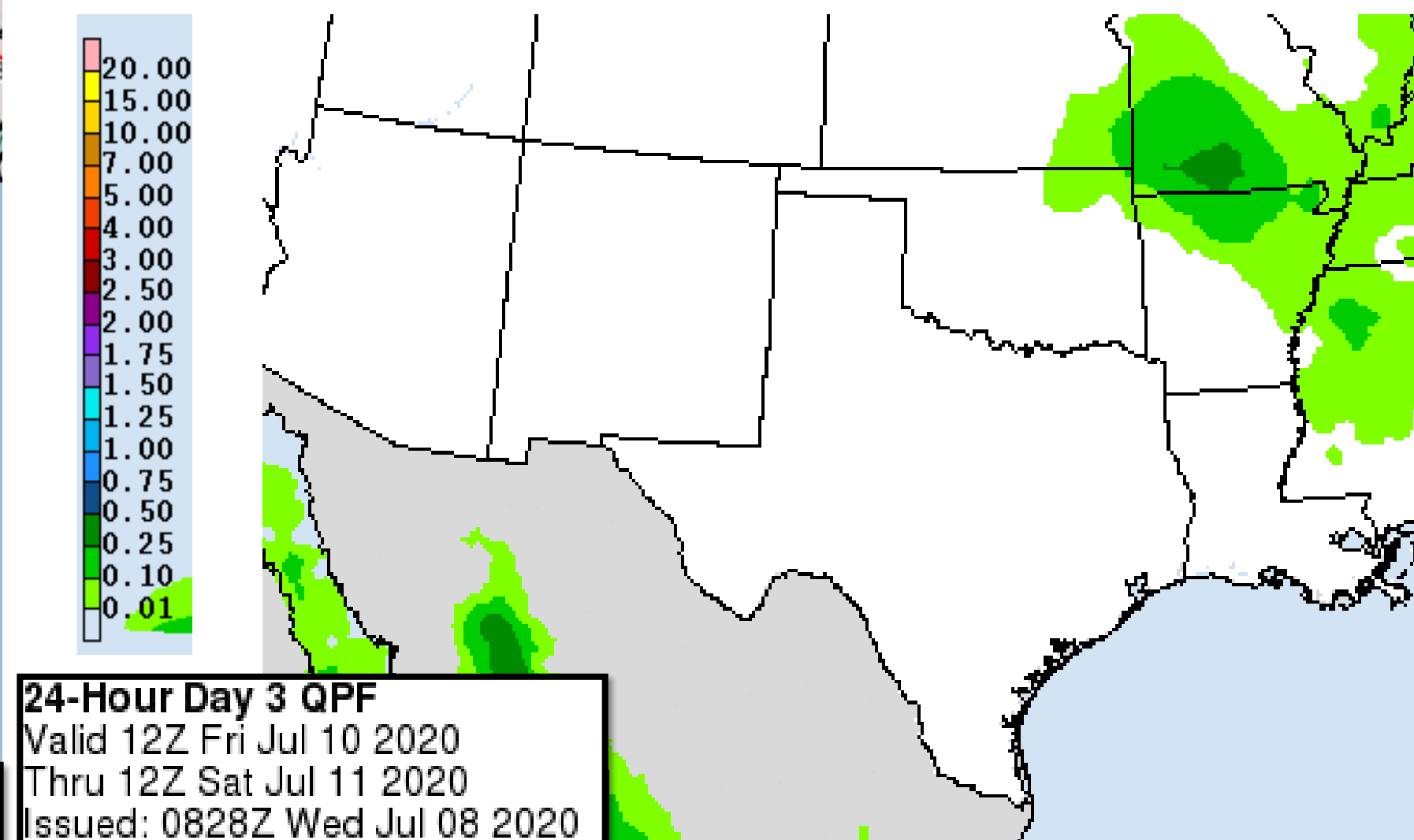


# Friday's Weather

## Forecast Chart

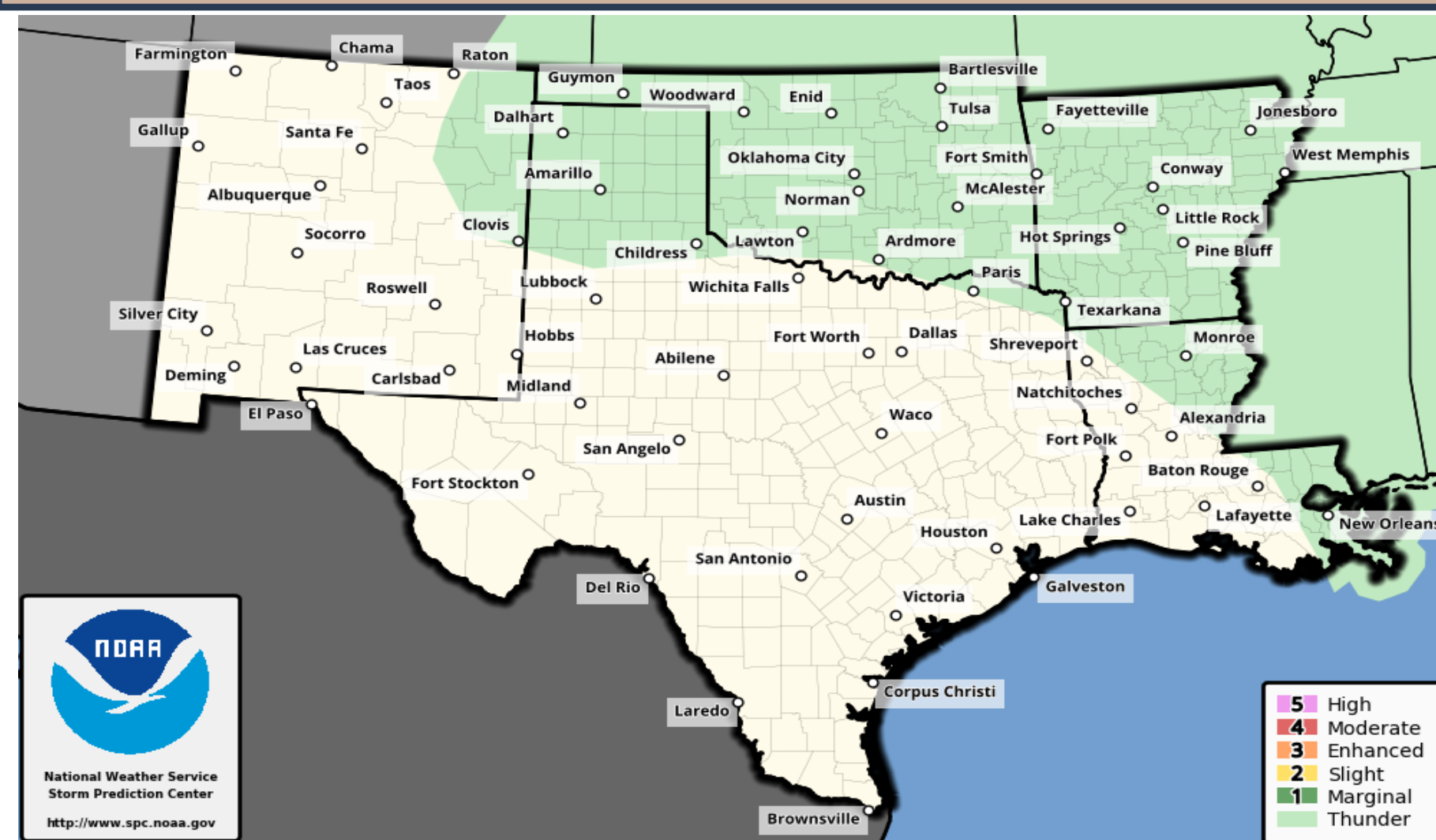


## Forecast Rainfall

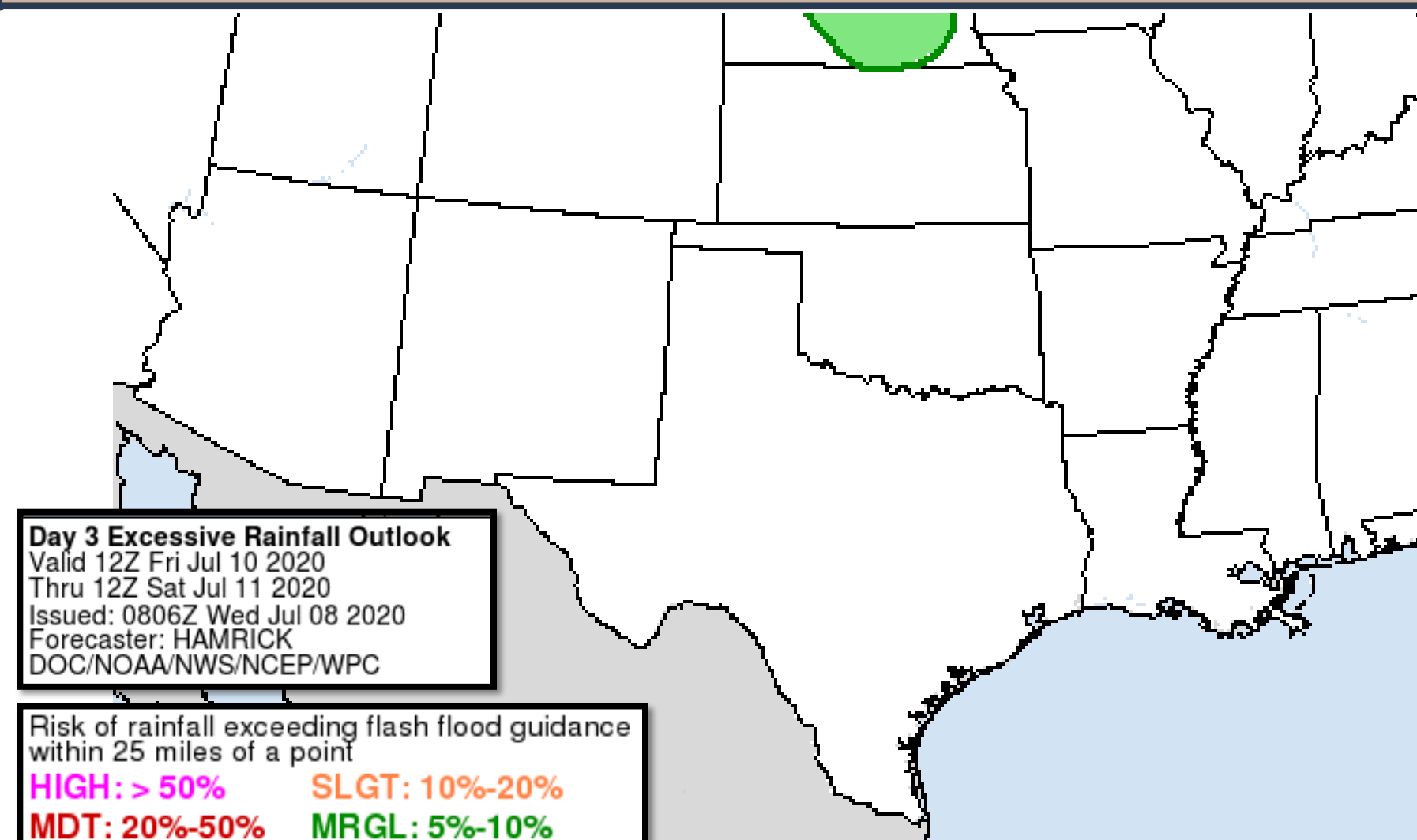


Heat advisories across much of the Region.

## Severe Weather Outlook



## Excessive Rainfall Outlook





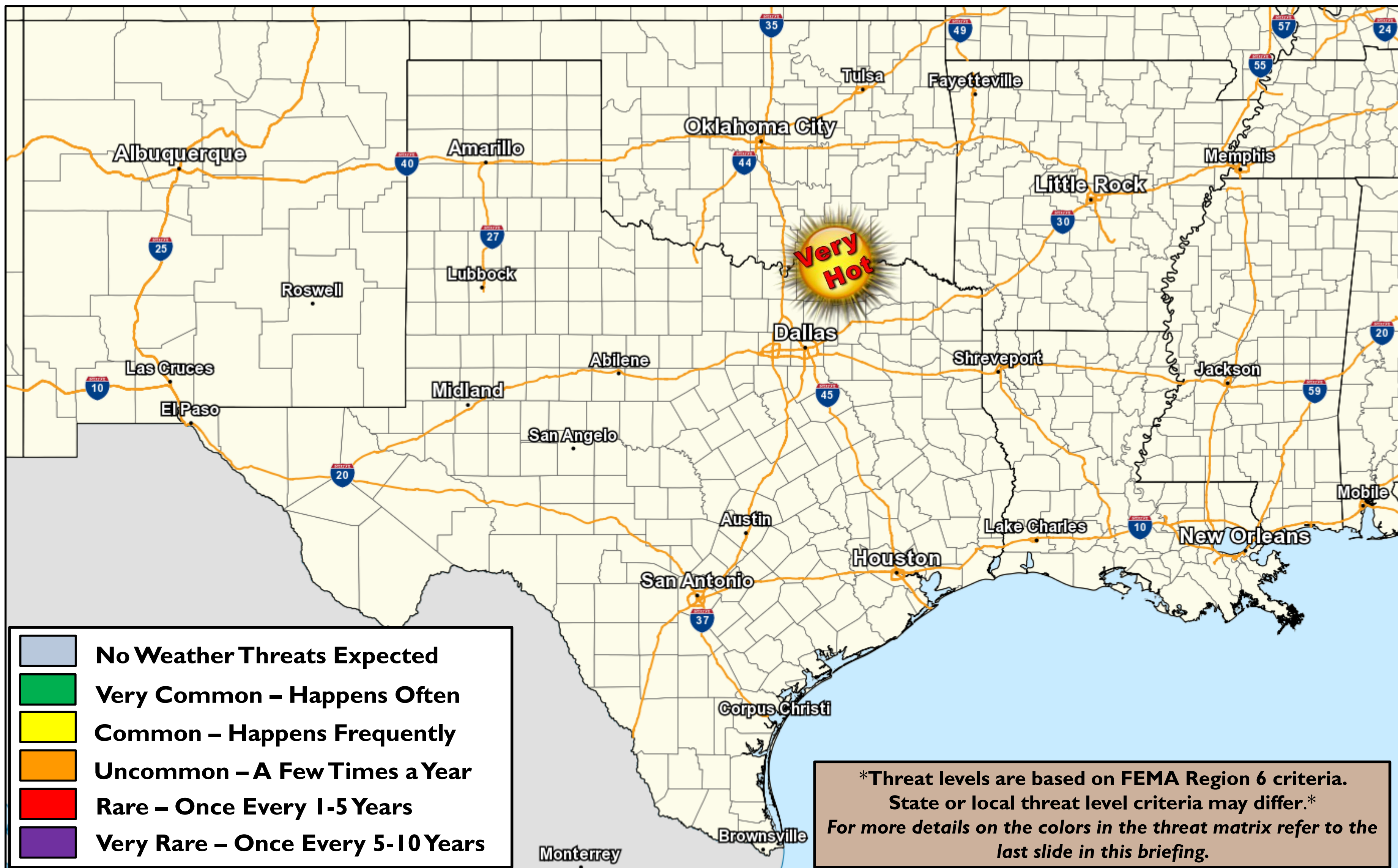
# Days 4-5 Weather Hazards

Saturday - Sunday



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Heat advisories possible across portions of TX/OK Saturday and portions of TX/LA Sunday.



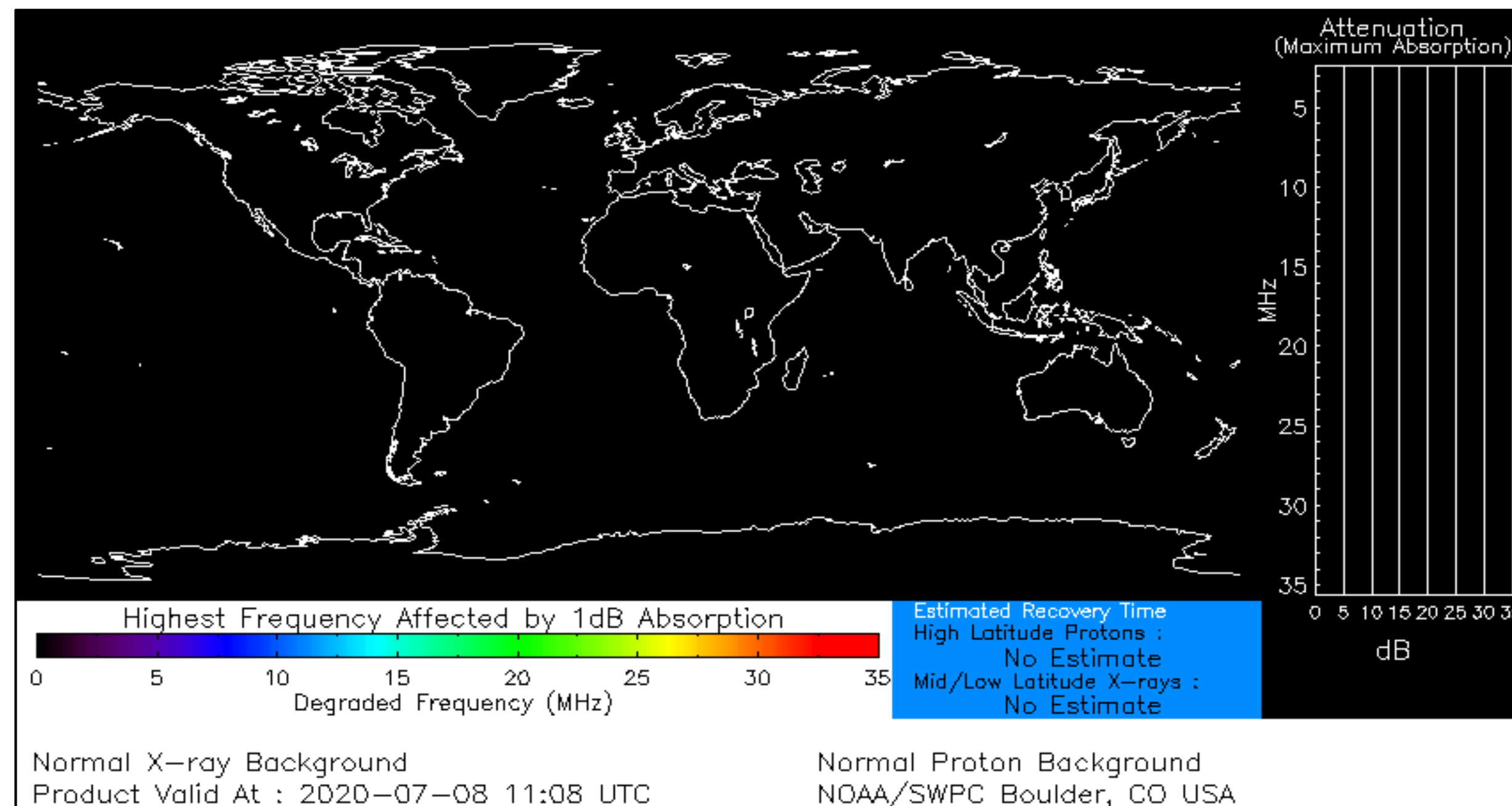


# Space Weather 3-Day Forecast



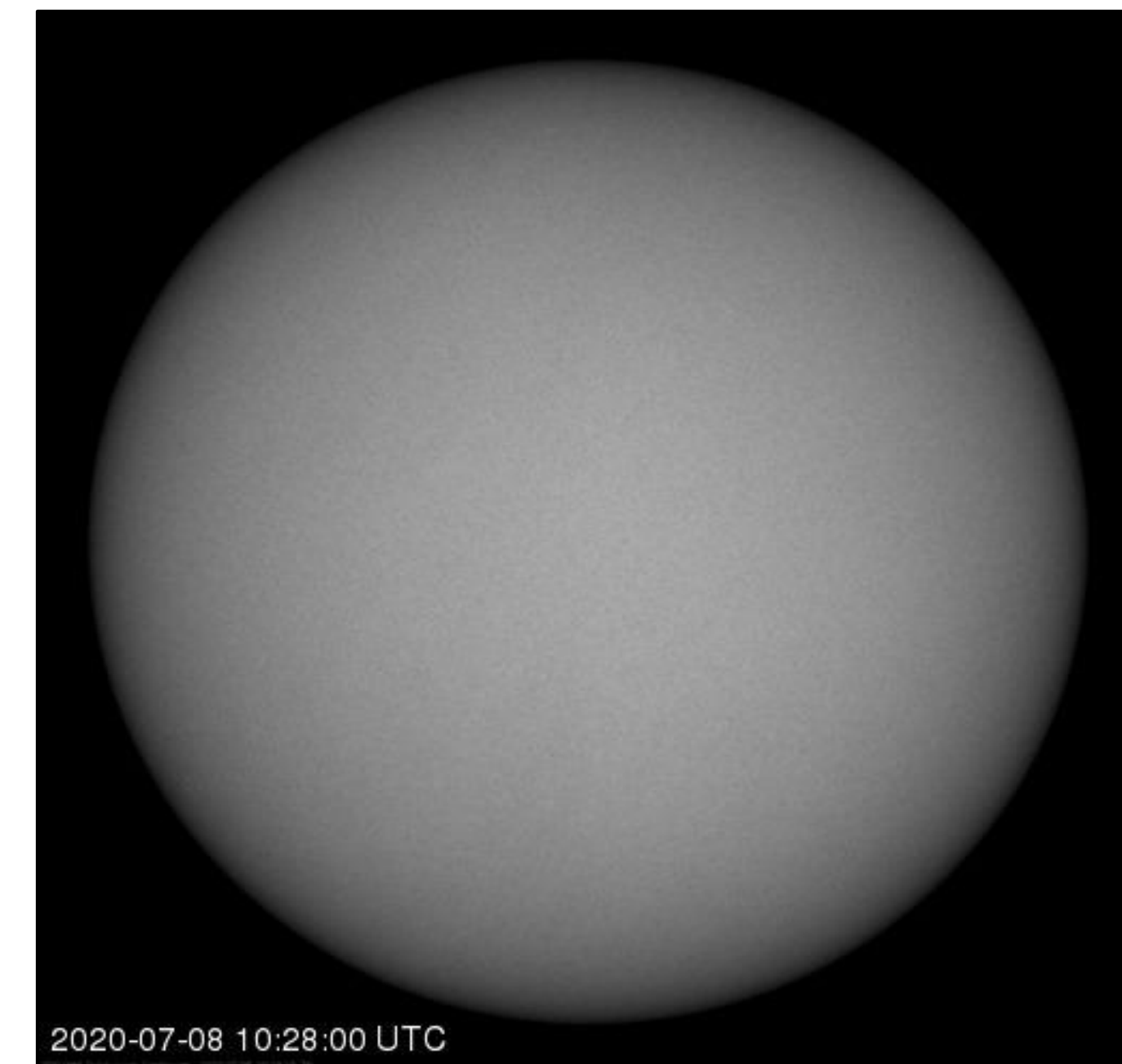
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	Wednesday	Thursday	Friday
<b>Geomagnetic Storms</b>	<b>Quiet to Unsettled (Max Kp = 3)</b>	<b>Quiet (Max Kp = 2)</b>	<b>Quiet (Max Kp = 2)</b>
<b>Solar Radiation Storm (S1-S5)</b>	1%	1%	1%
<b>Radio Blackout (R1-R2)</b>	1%	1%	1%
<b>Radio Blackout (R3-R5)</b>	1%	1%	1%



[Click here for a  
Description of the Space  
Weather Storm Scales](#)

[Click here for the Latest  
3-Day Space Weather  
Forecast Text](#)







**For more information, please contact:**

**National Weather Service**  
**Southern Region Headquarters**  
**Regional Operations Center**  
**Fort Worth, TX**

**Phone: (682) 703-3747**

**E-mail: [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)**

**Web: <http://www.weather.gov/srh>**





Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	<b>Very Common</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX</li> </ul>
Yellow	<b>Somewhat Common – Happens Frequently</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail</li> </ul>
Orange	<b>Uncommon – A Few Times a Year</b> Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> <li>Some large fires reported, burn bans advertised, critical conditions expected</li> </ul>
Red	<b>Rare – Once every 1-5 Years</b> Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> <li>Large fires ongoing throughout the area with critical fire weather conditions expected to continue</li> </ul>
Purple	<b>Very Rare – Once Every 5-10 Years</b> Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>

**Criteria for the color codes in this briefing is to the left, please provide any feedback to**

**[sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)**